

ABSTRACT OF THE DISCLOSURE
METHOD AND SYSTEM FOR INSPECTING THE RUNTIME BEHAVIOR OF A
PROGRAM WHILE MINIMIZING PERTURBATION

[0045]A system and method for analyzing the runtime behavior of a program given a set of one or more probes and points for inserting the probes for performing a specified inspection, the method comprises providing a compiler with one or more of the following types of information about each probe: specifying probe's context, its filter criteria, whether it is a fast-path probe, whether it is a timing probe, the probe's guard swing, the probe's context hardness, and the probe's temporal hardness; and compiling the program with the one or more probes and the information.

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